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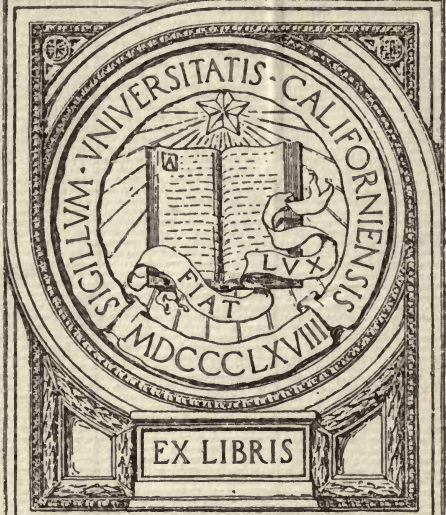
IN MEMORIAM
George Davidson
1825-1911



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WEATHER MAPS

ILLUSTRATING A LECTURE ON

STORMS AND WEATHER FORECASTS,

BY

WILLIS L. MOORE,
CHIEF OF WEATHER BUREAU.

UNDER THE AUSPICES OF THE

MEN'S ASSOCIATION.

BROWN MEMORIAL PRESBYTERIAN CHURCH,

1316 PARK AVENUE,

BALTIMORE, MD.

MONDAY, NOVEMBER 16, 1896,
8 P. M.

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Davidson bookplate

Chart I.

River Stations.

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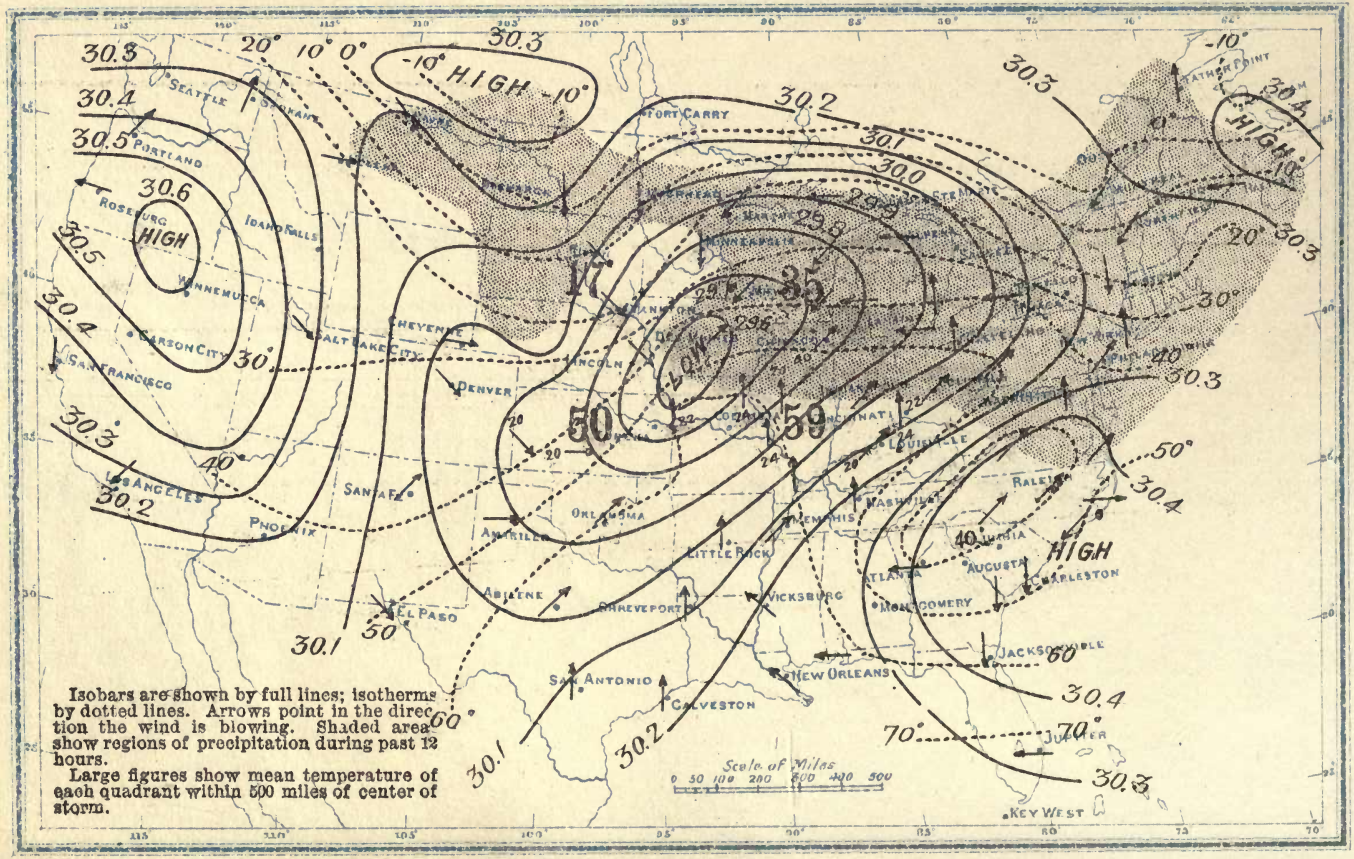
Chart II.

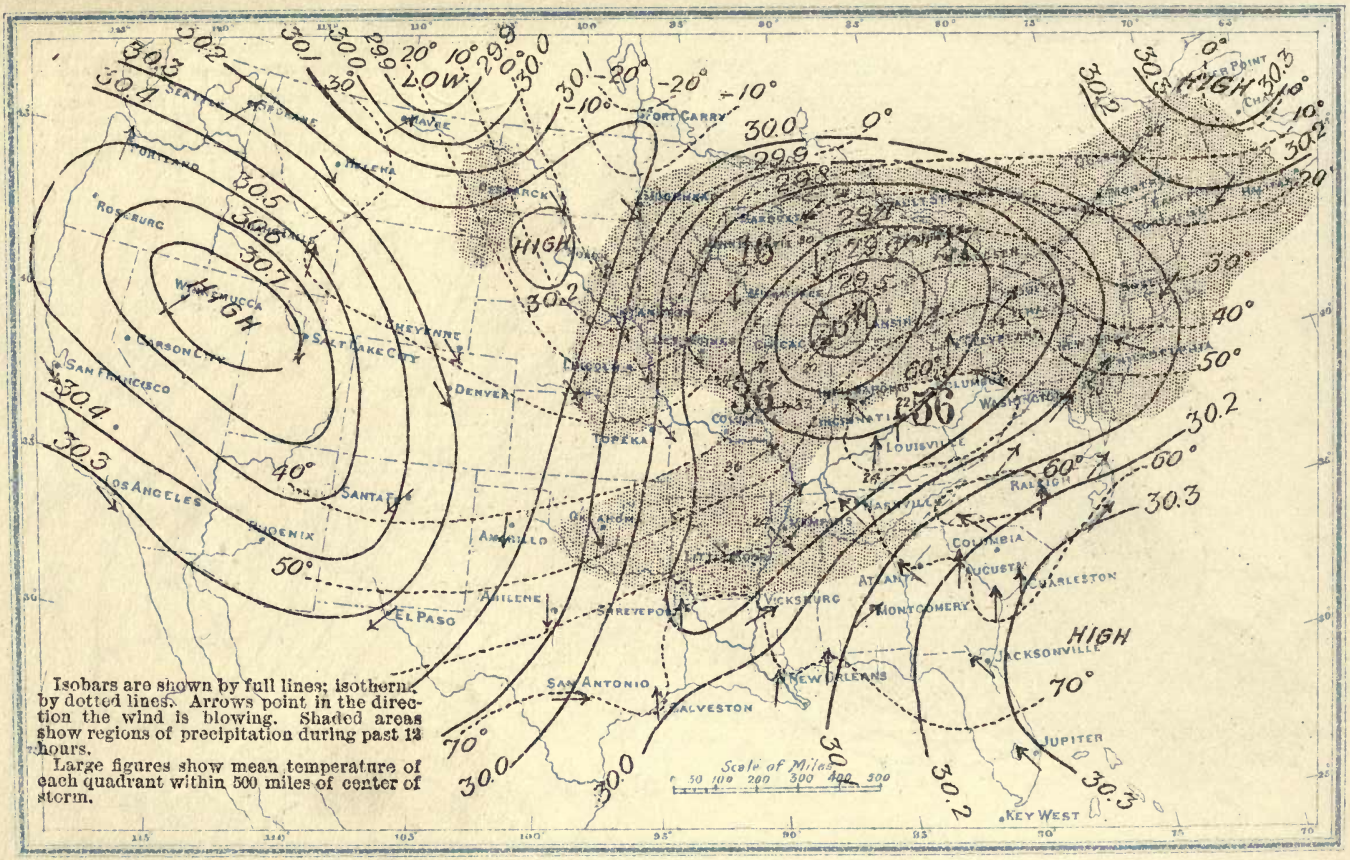
Winter Storm, December 15, 1893, 8 a. m.



Isobars are shown by full lines; isotherms by dotted lines. Arrows point in the direction the wind is blowing. Shaded areas show regions of precipitation during past 12 hours.

Large figures show mean temperature of each quadrant within 500 miles of center of storm.

Chart III. Winter Storm, December 15, 1893, 8 p. m.



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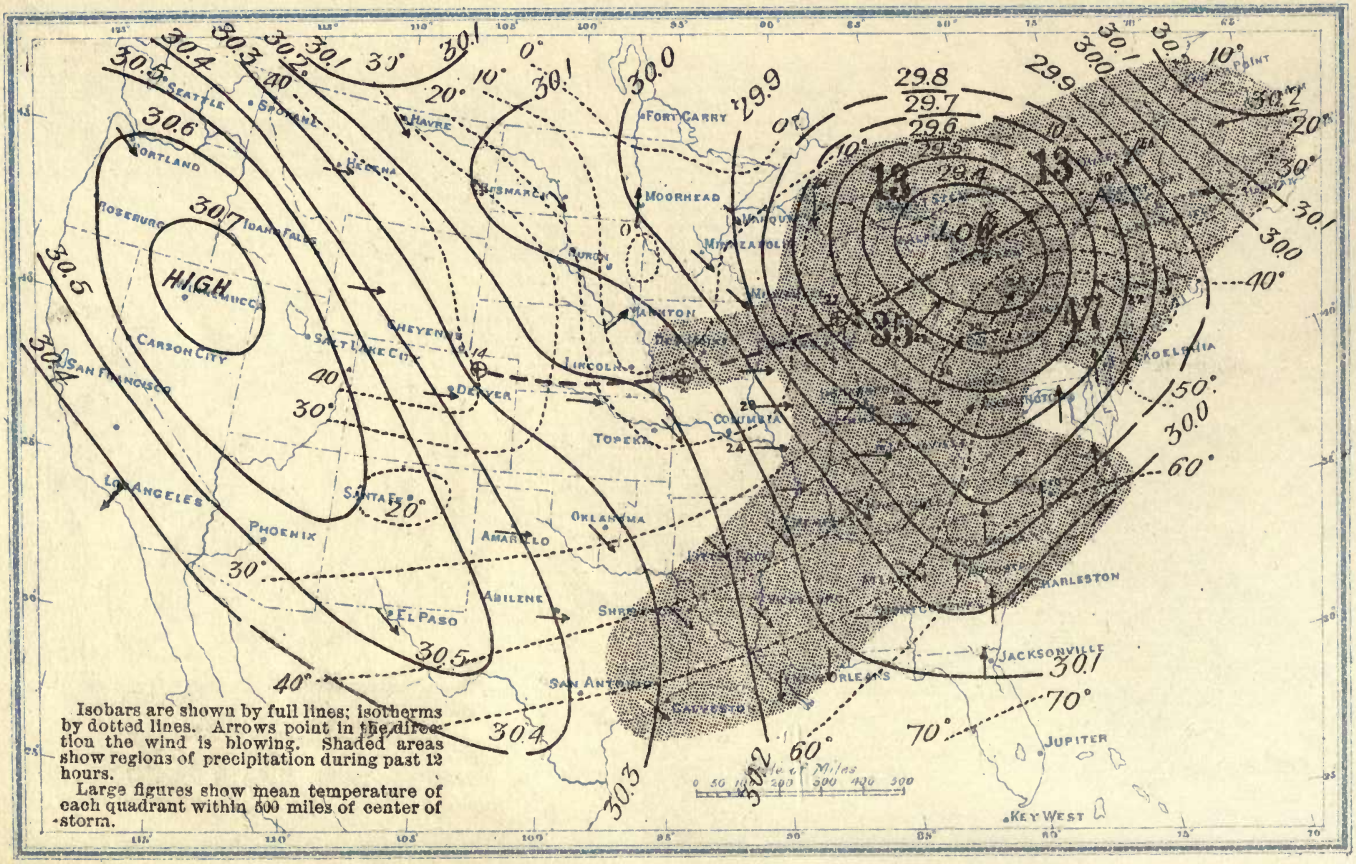
Large figures show mean temperature of each quadrant within 500 miles of center of storm.

Chart IV.

Winter Storm, December 16, 1893, 8 a. m.



Isobars are shown by full lines; isotherms by dotted lines. Arrows point in the direction the wind is blowing. Shaded areas show regions of precipitation during past 12 hours.

Large figures show mean temperature of each quadrant within 500 miles of center of storm.

Chart V.—

Hot Wave, July 28 to August 10, 1896, inclusive.

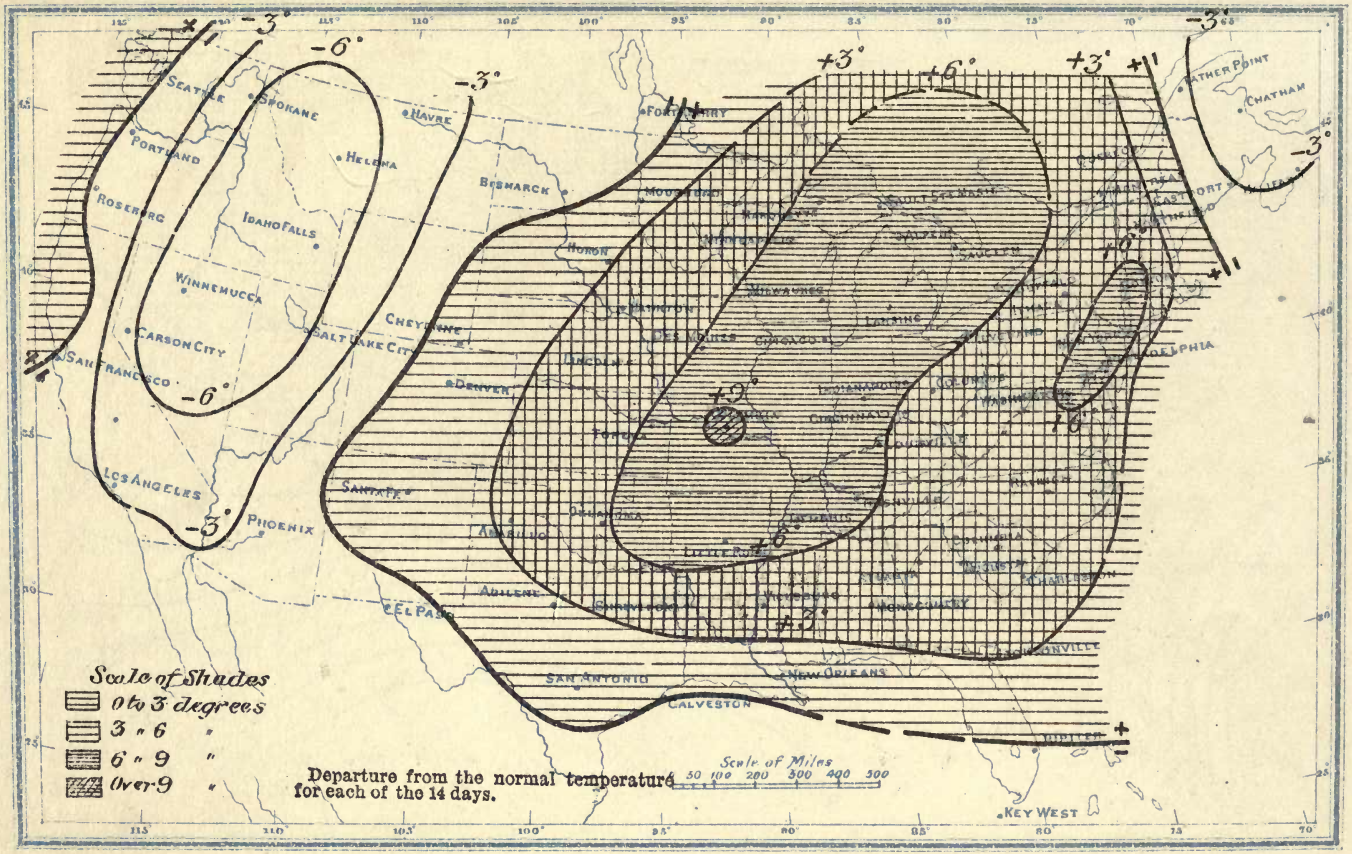


Chart VI.

Cold Wave, January 7, 1886, 7 a. m.

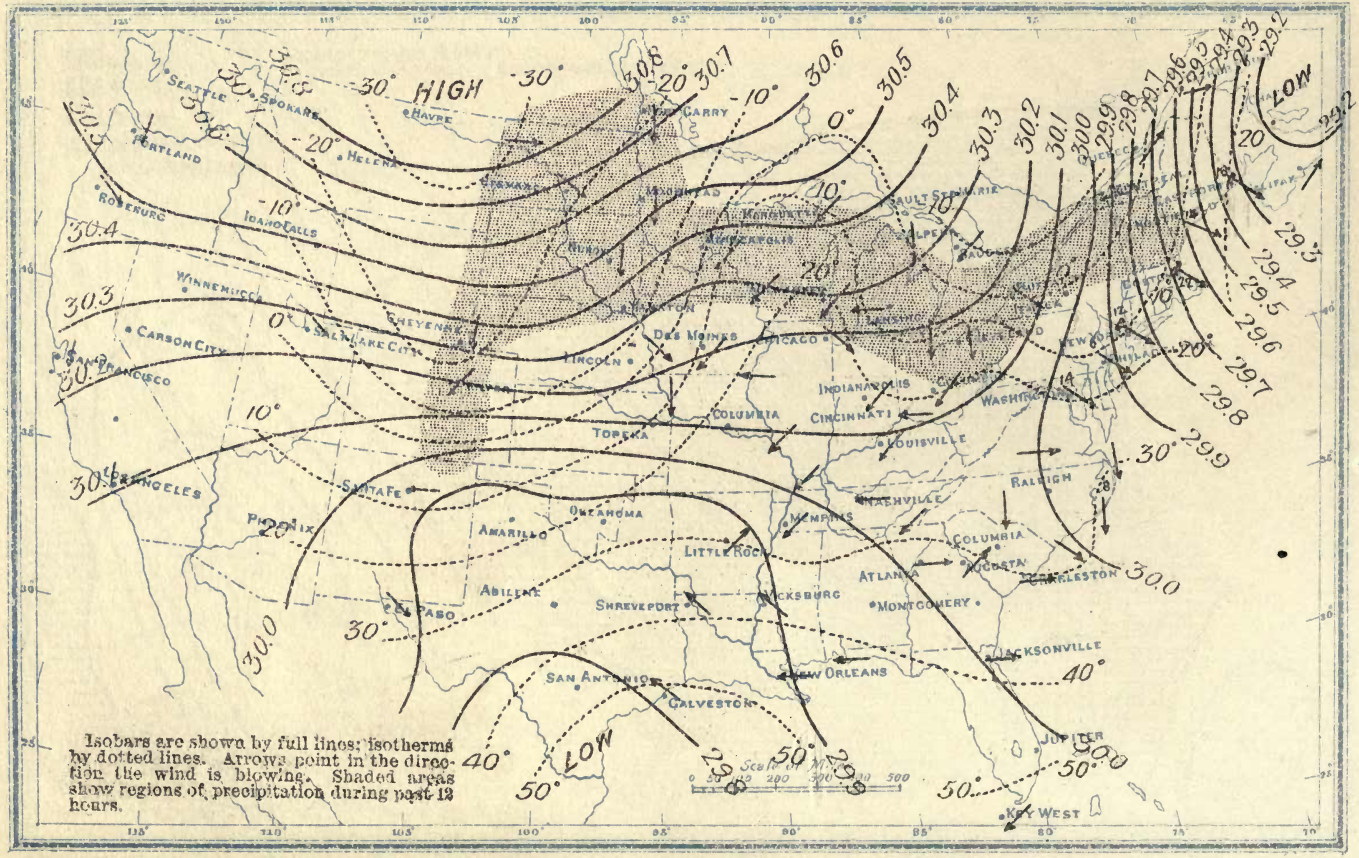


Chart VII. Cold Wave, January 7, 1886, 7 a. m. Temperature Change in Preceding 24 Hours.

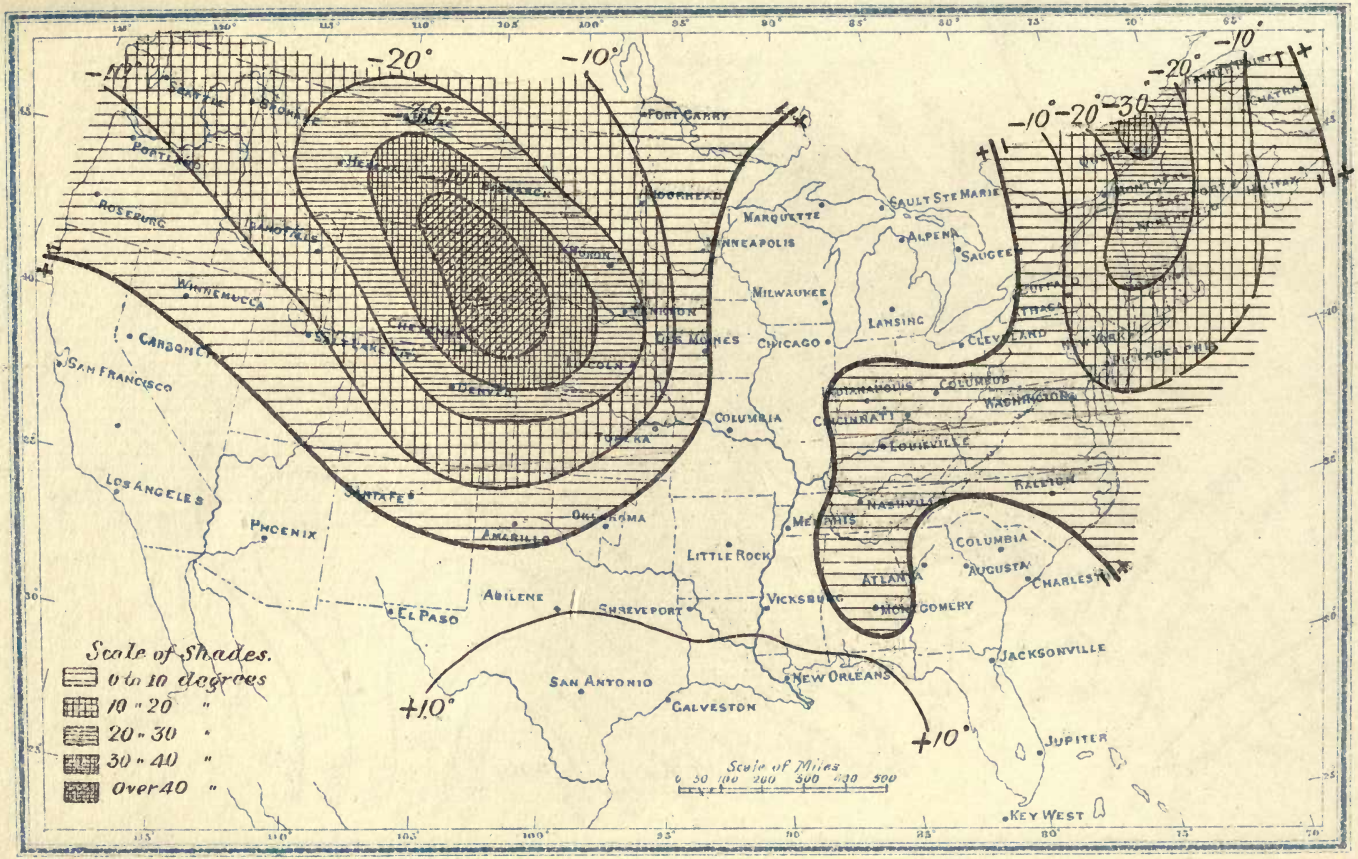


Chart VIII. Cold Wave, January 8, 1886, 7 a. m.

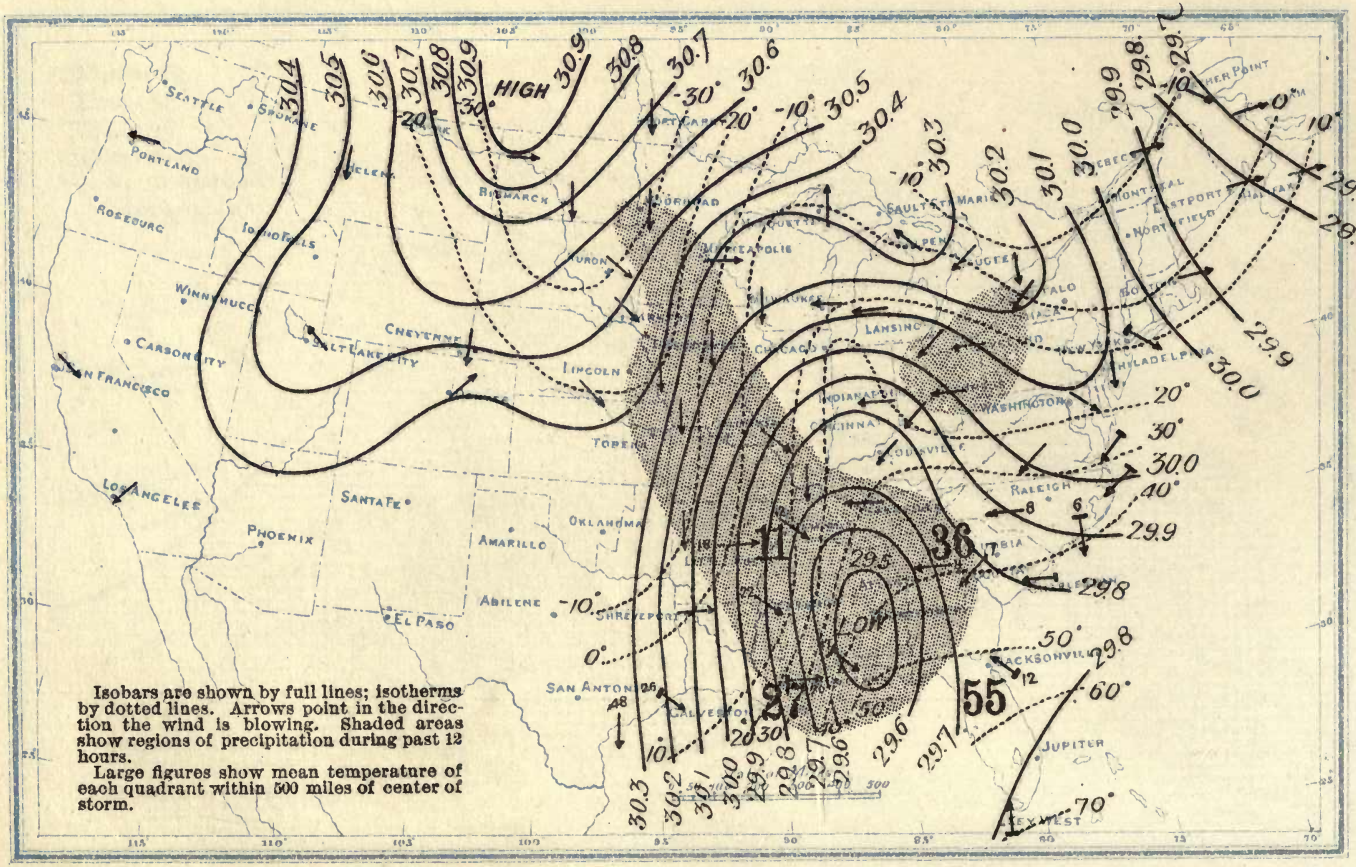


Chart IX. Cold Wave, January 8, 1886, 7 a. m. Temperature Change in Preceding 24 Hours.

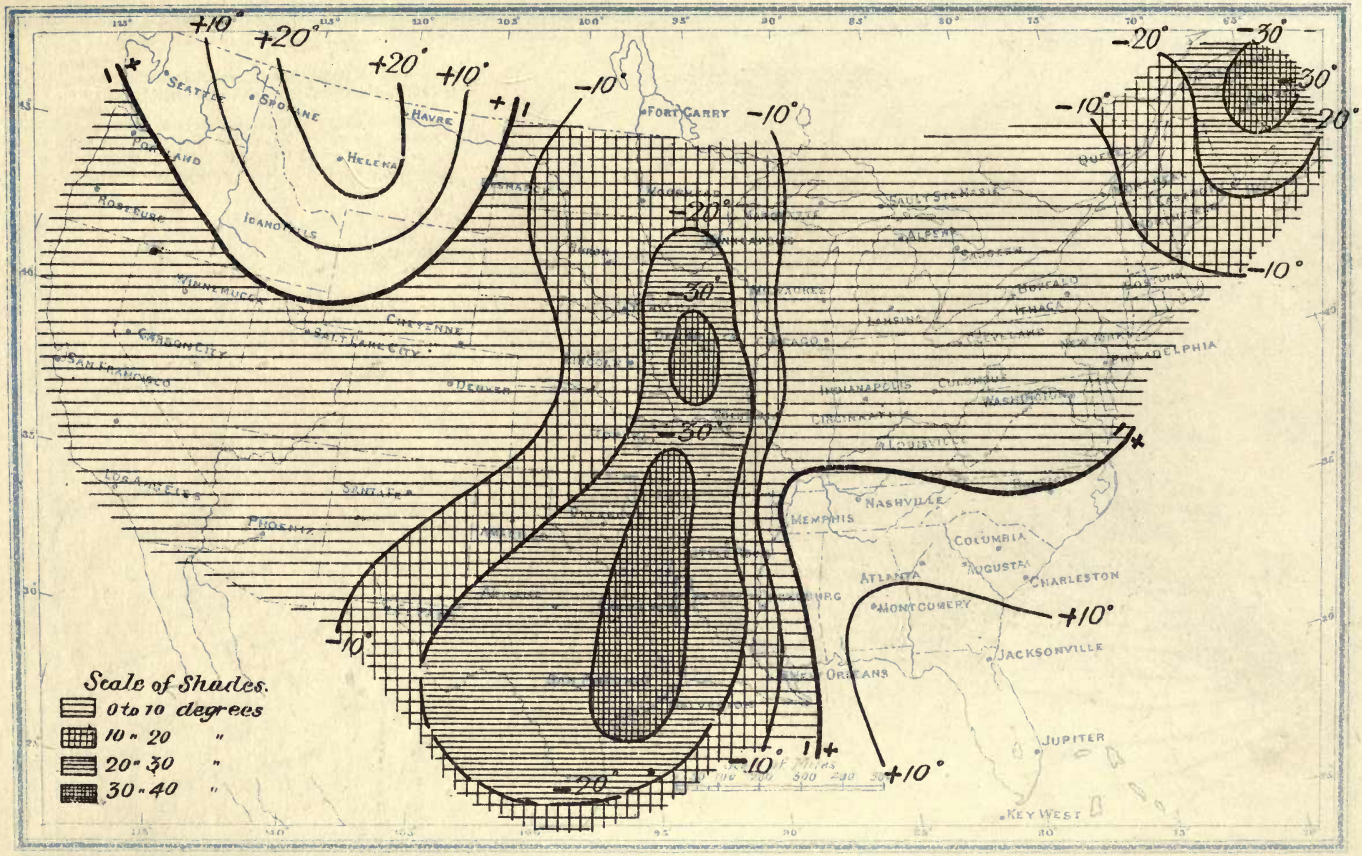


Chart X. Cold Wave, January 9, 1886, 7 a. m.

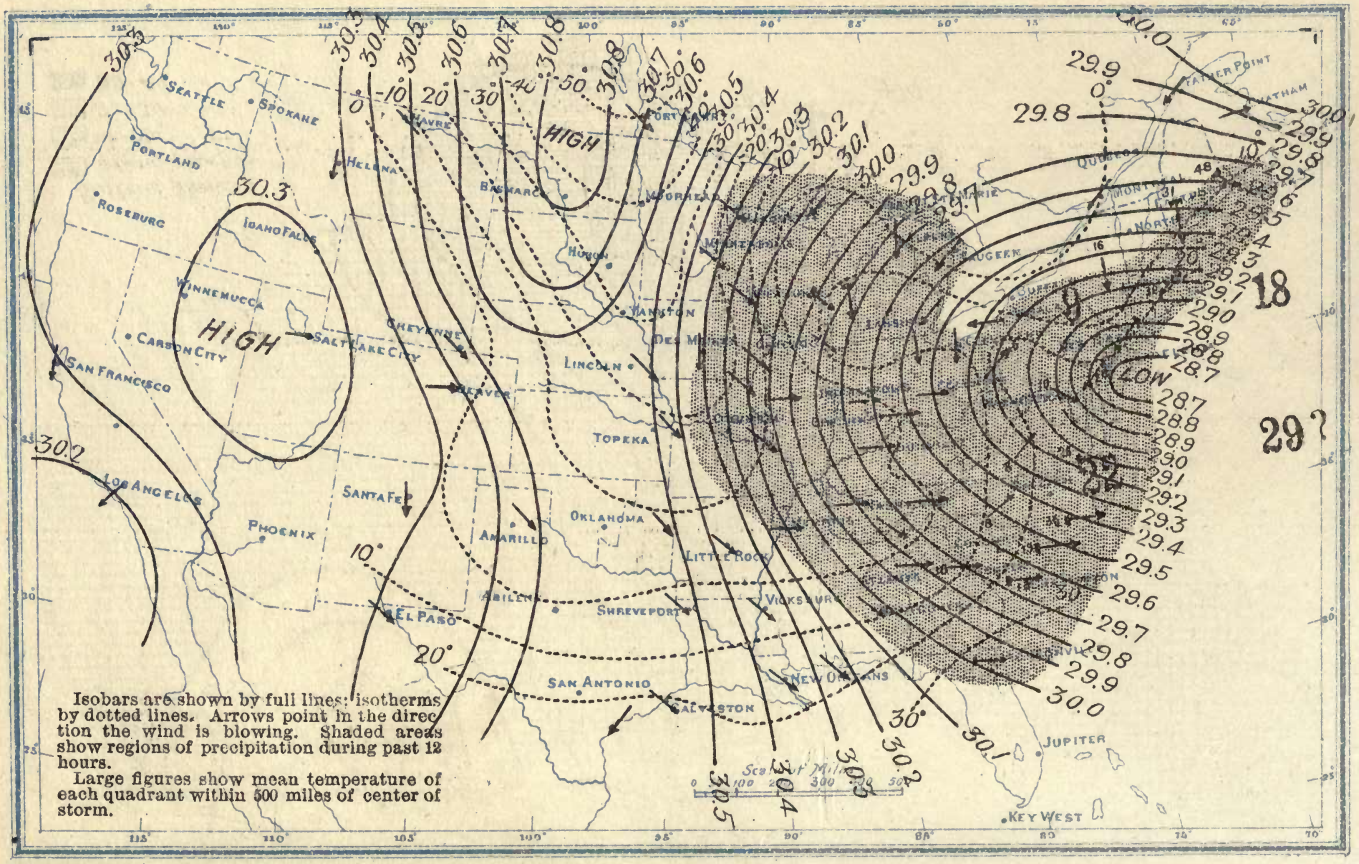


Chart XI. Cold Wave, January 9, 1886, 7 a. m. Temperature Change in Preceding 24 hours.

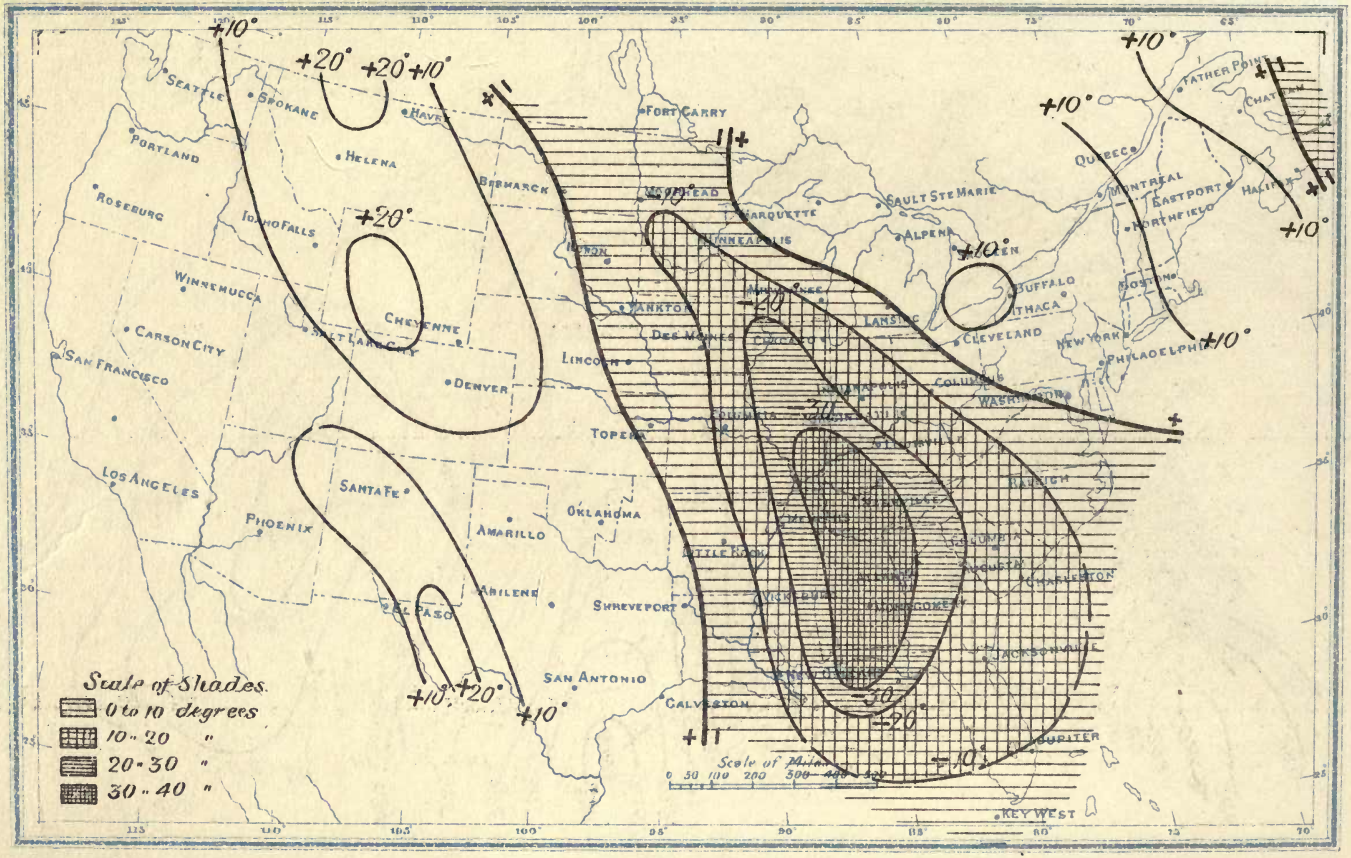
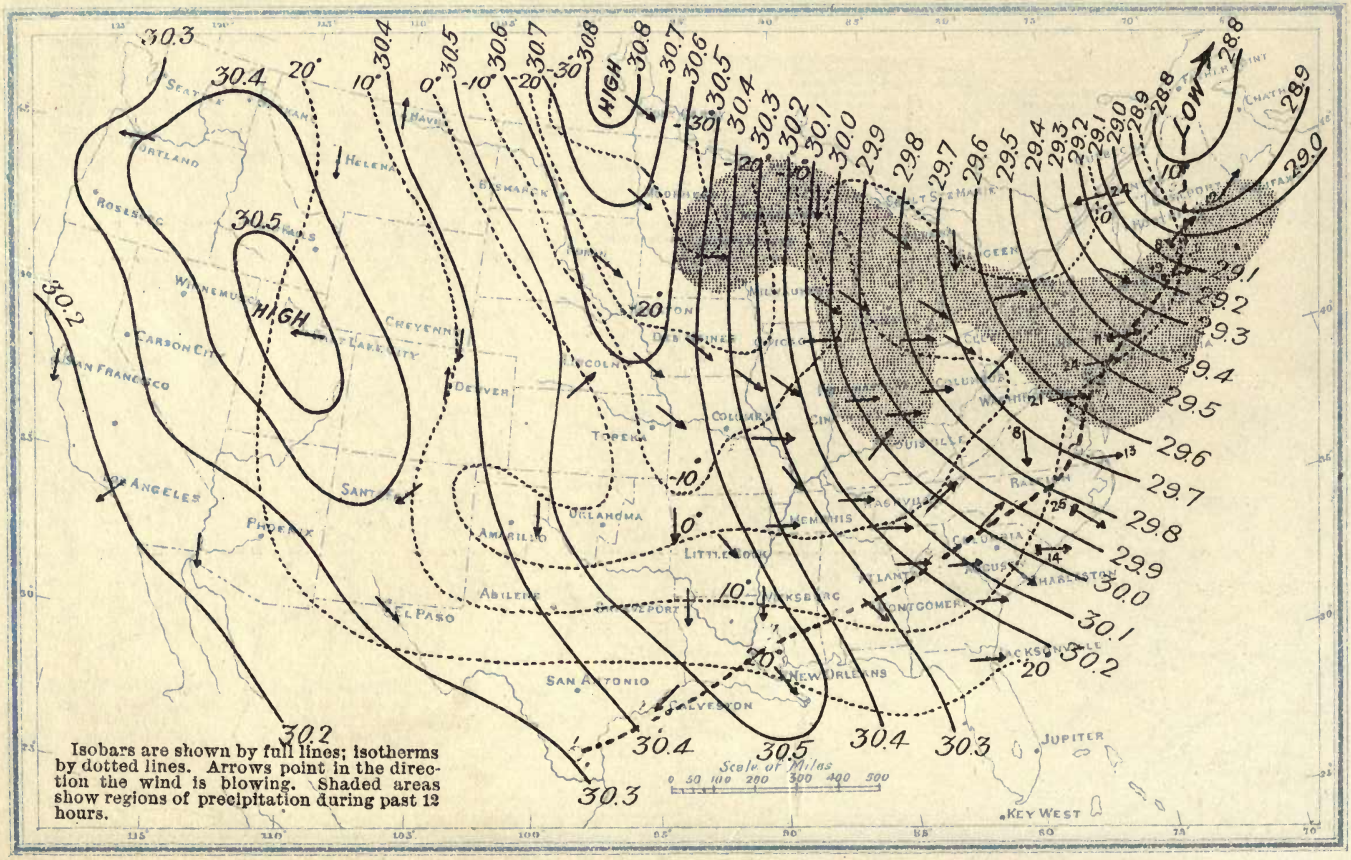


Chart XII.

Cold Wave, January 10, 1886, 7 a. m.



Isobars are shown by full lines; isotherms by dotted lines. Arrows point in the direction the wind is blowing. Shaded areas show regions of precipitation during past 12 hours.

Chart XIII. Cold Wave, January 10, 1886, 7 a. m. Temperature Change in Preceding 24 Hours.

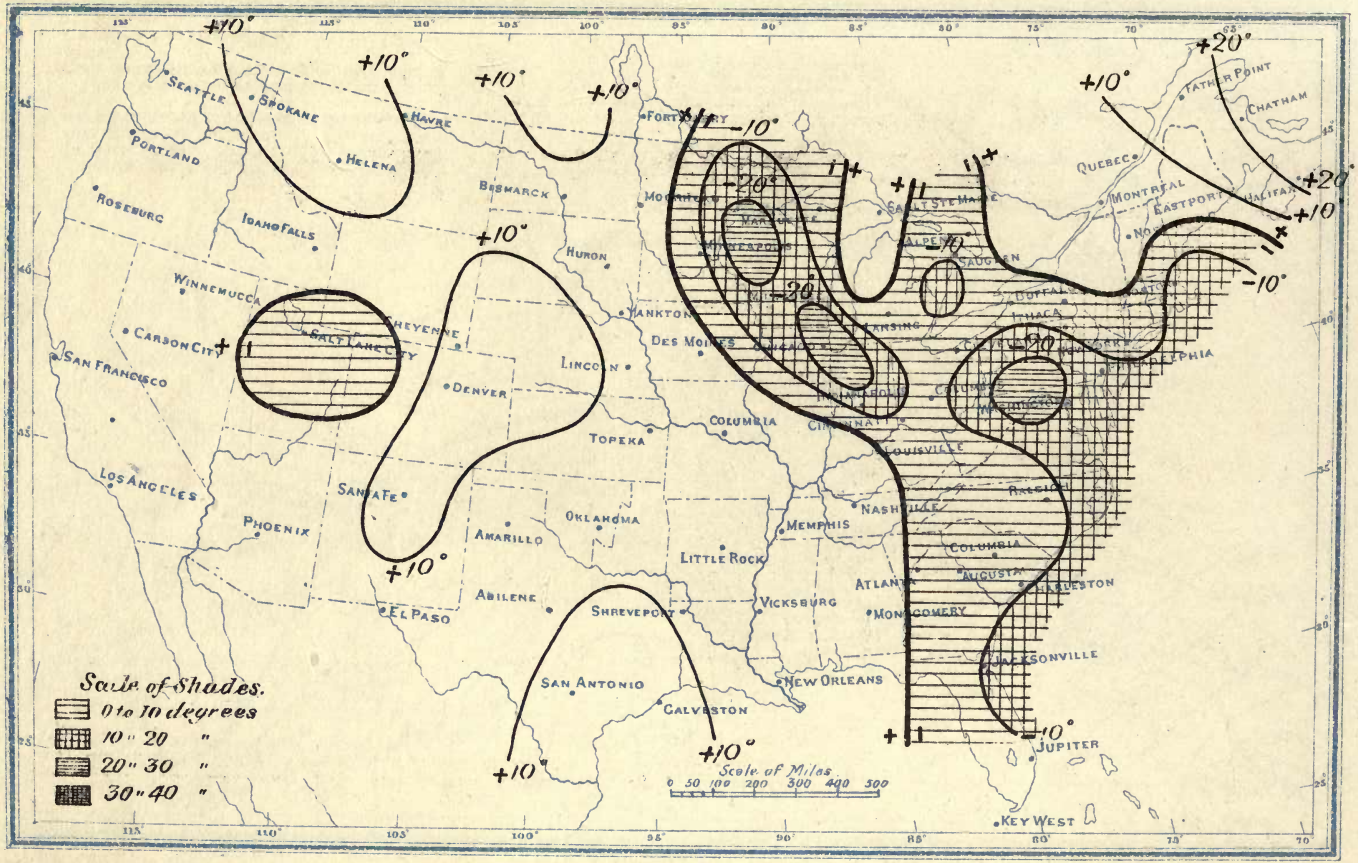
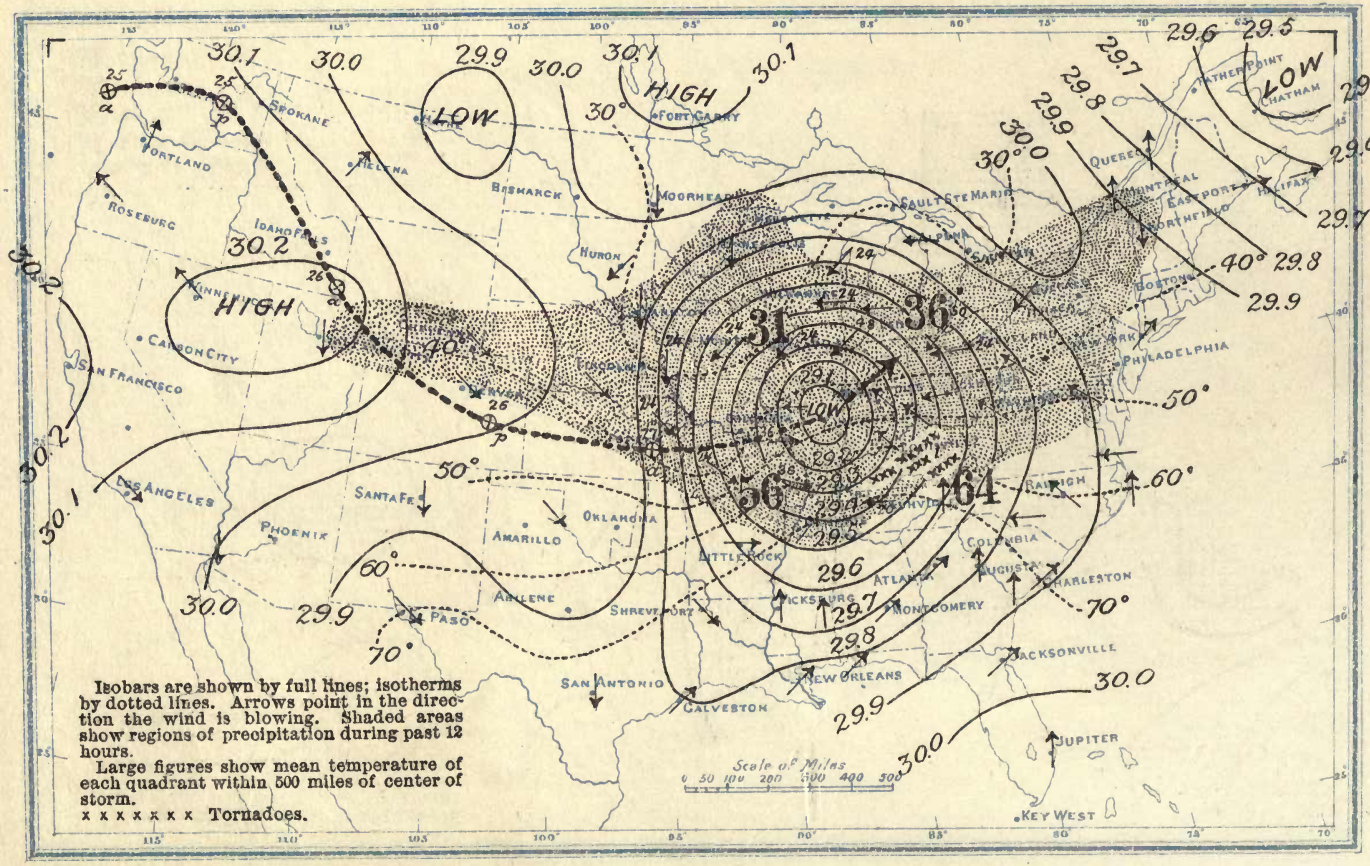


Chart XIV. Tornado at Louisville, Ky., March 27, 1890. Weather Map 8 p. m. of that date.

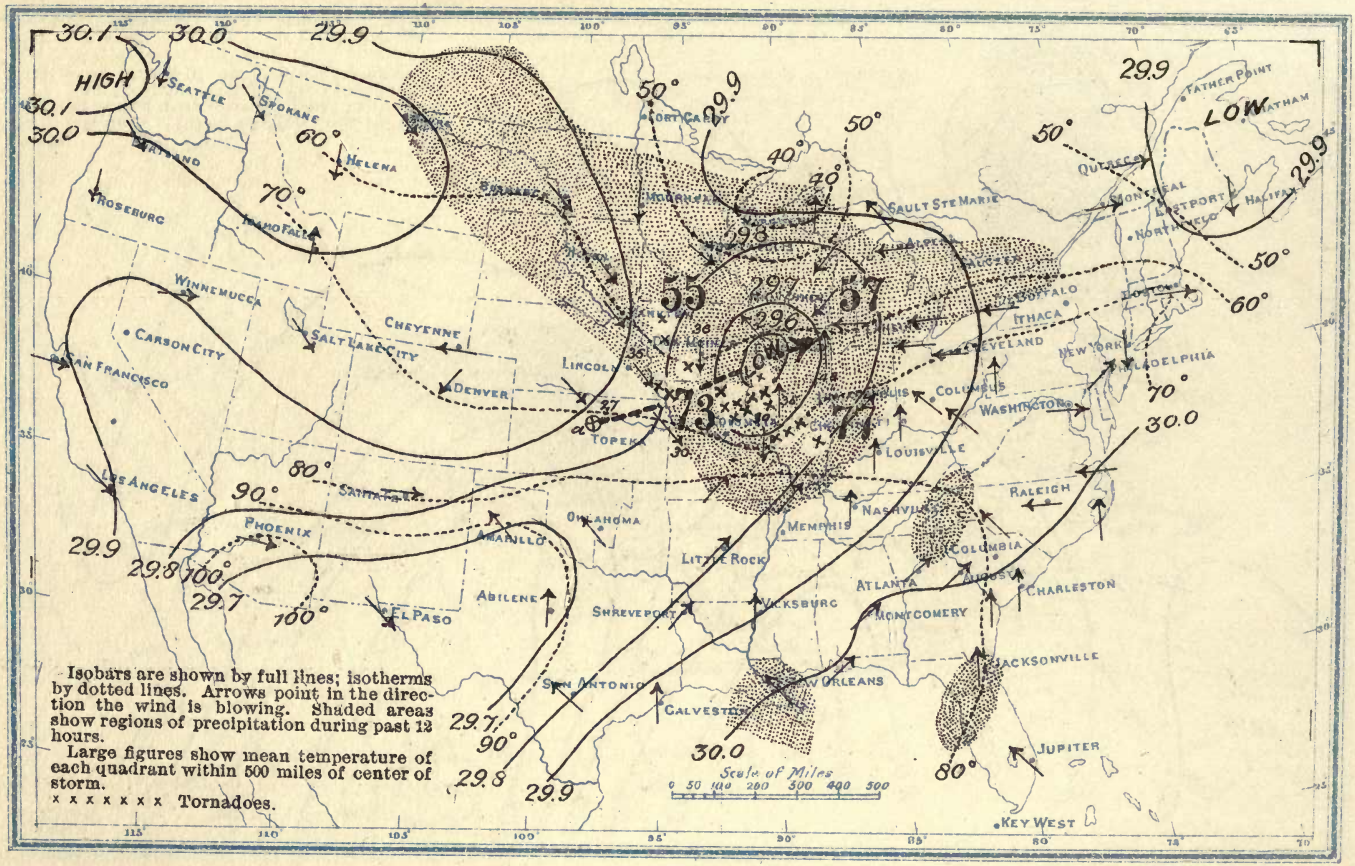


Isobars are shown by full lines; isotherms by dotted lines. Arrows point in the direction the wind is blowing. Shaded areas show regions of precipitation during past 12 hours.

Large figures show mean temperature of each quadrant within 500 miles of center of storm.

x x x x x x x Tornadoes.

Chart XV. **Tornado at St. Louis, Mo., May 27, 1896. Weather Map 8 p. m.**



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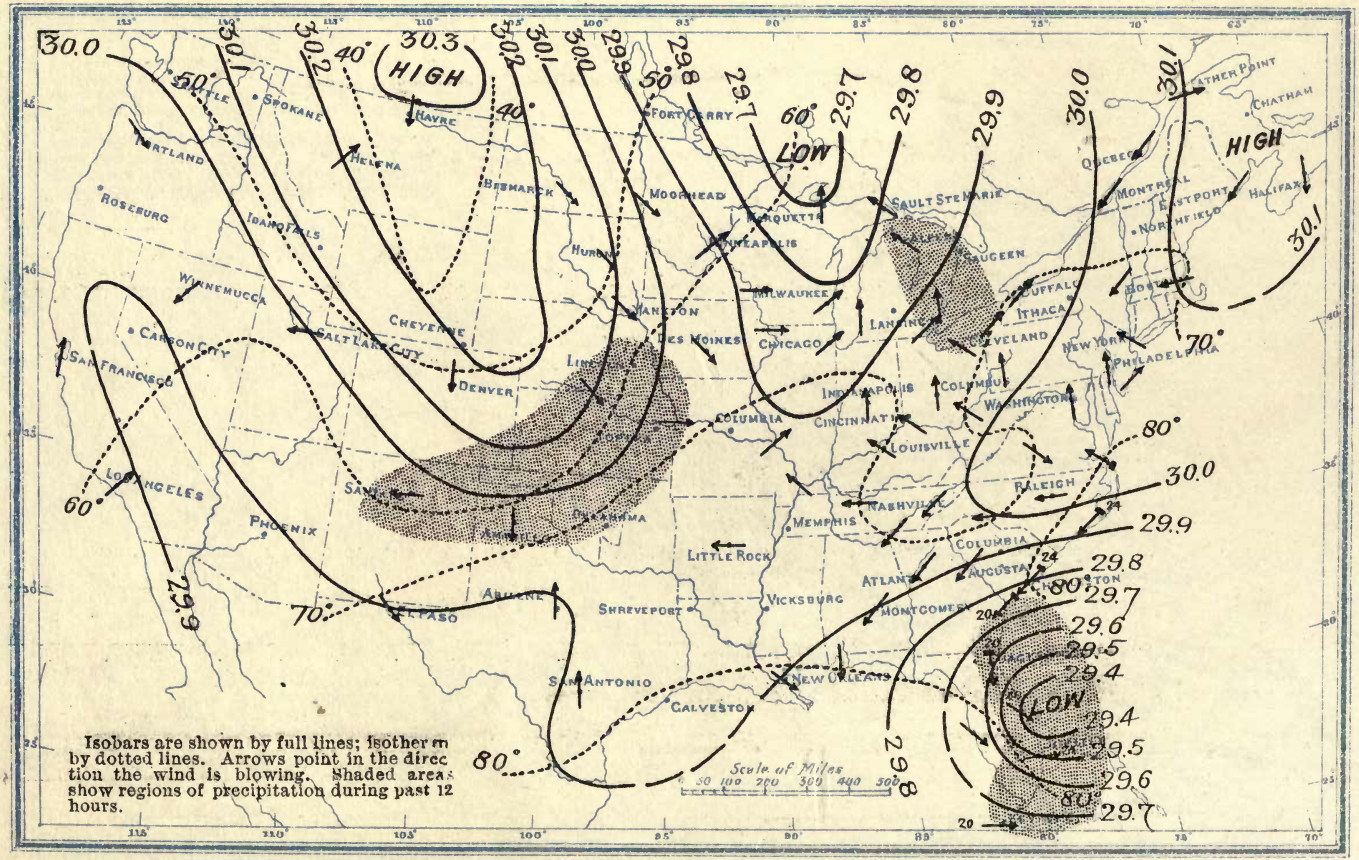
× × × × × × × Tornadoes.

Chart XVI.

West India Hurricane, August 27, 1893, 8 a. m.



Isobars are shown by full lines; isotherms by dotted lines. Arrows point in the direction the wind is blowing. Shaded areas show regions of precipitation during past 12 hours.

Chart XVII. **Change in Air Pressure in Preceding 12 Hours, August 27, 1893, 8 a. m.**

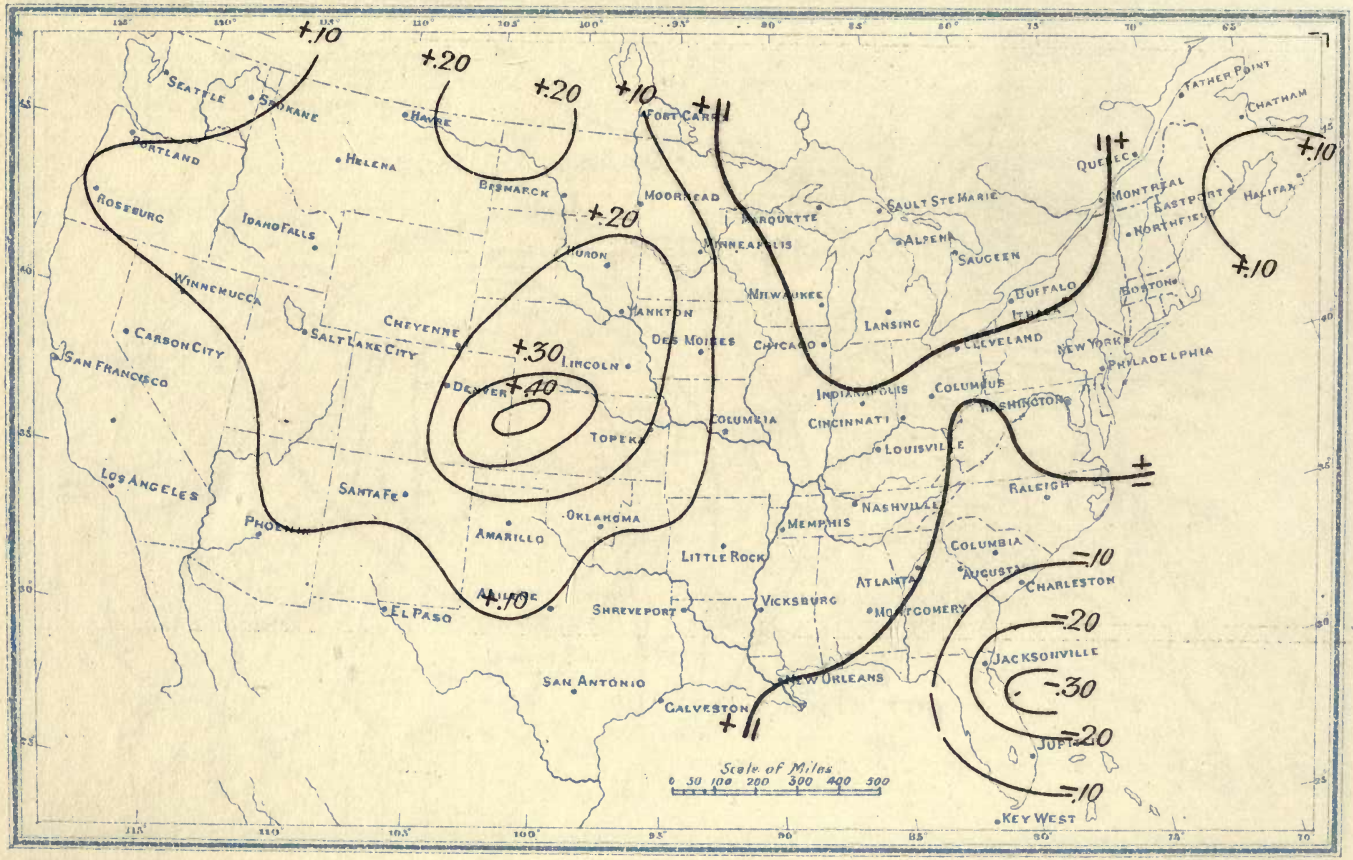


Chart XVIII. West India Hurricane, August 27, 1893, 8 p. m.

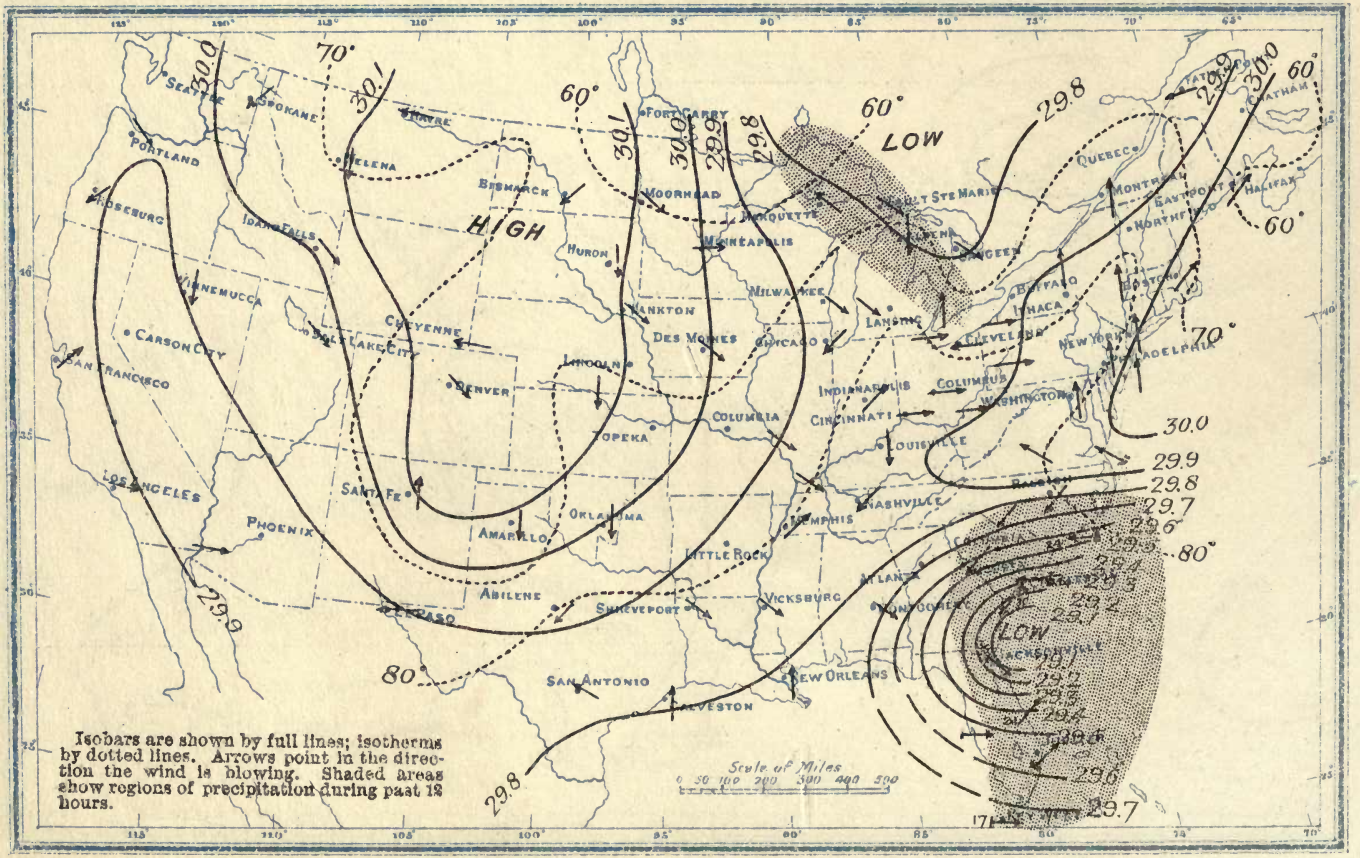


Chart XIX. Change in Air Pressure in Preceding 12 Hours, August 27, 1893, 8 p. m.

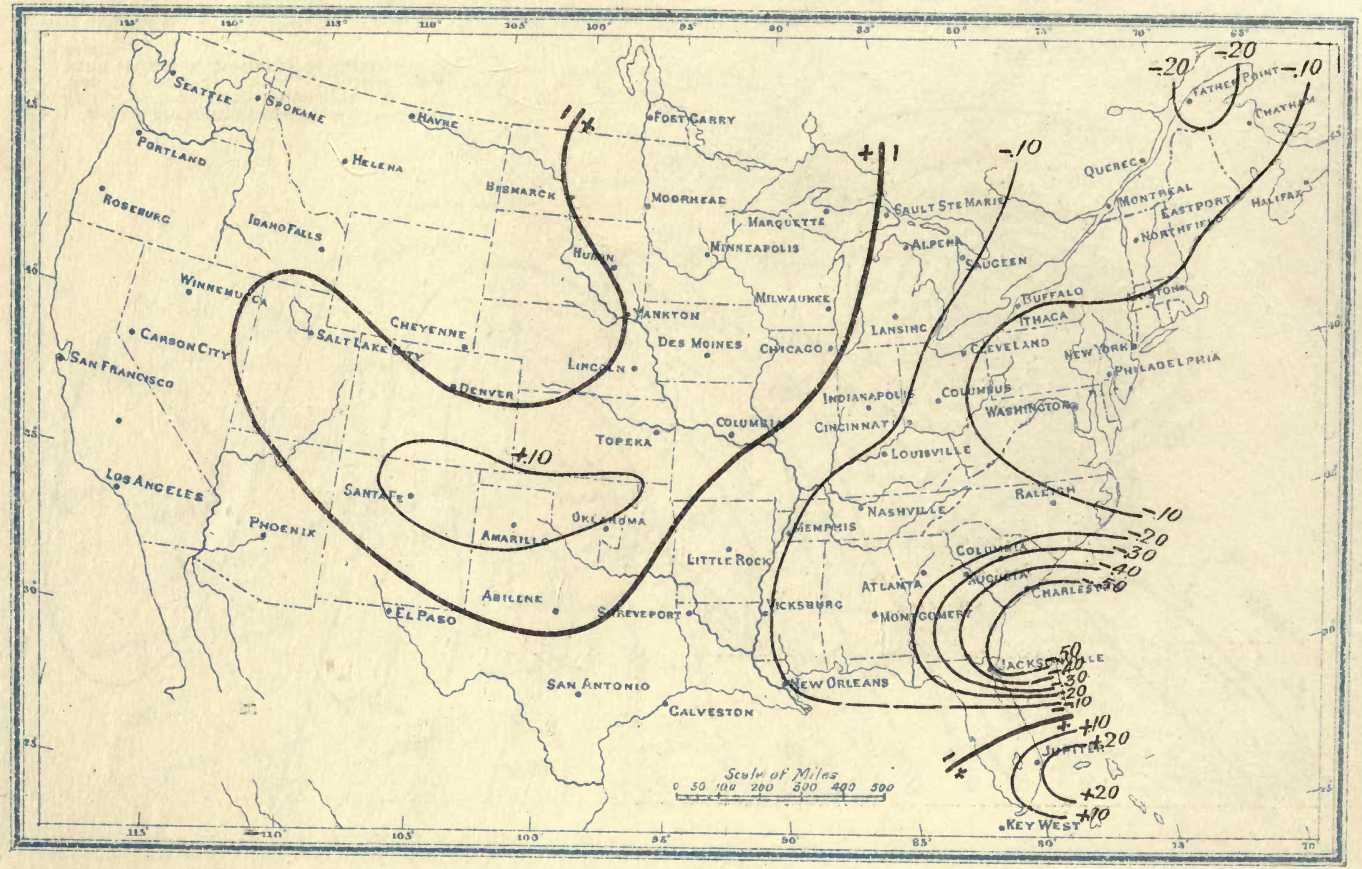
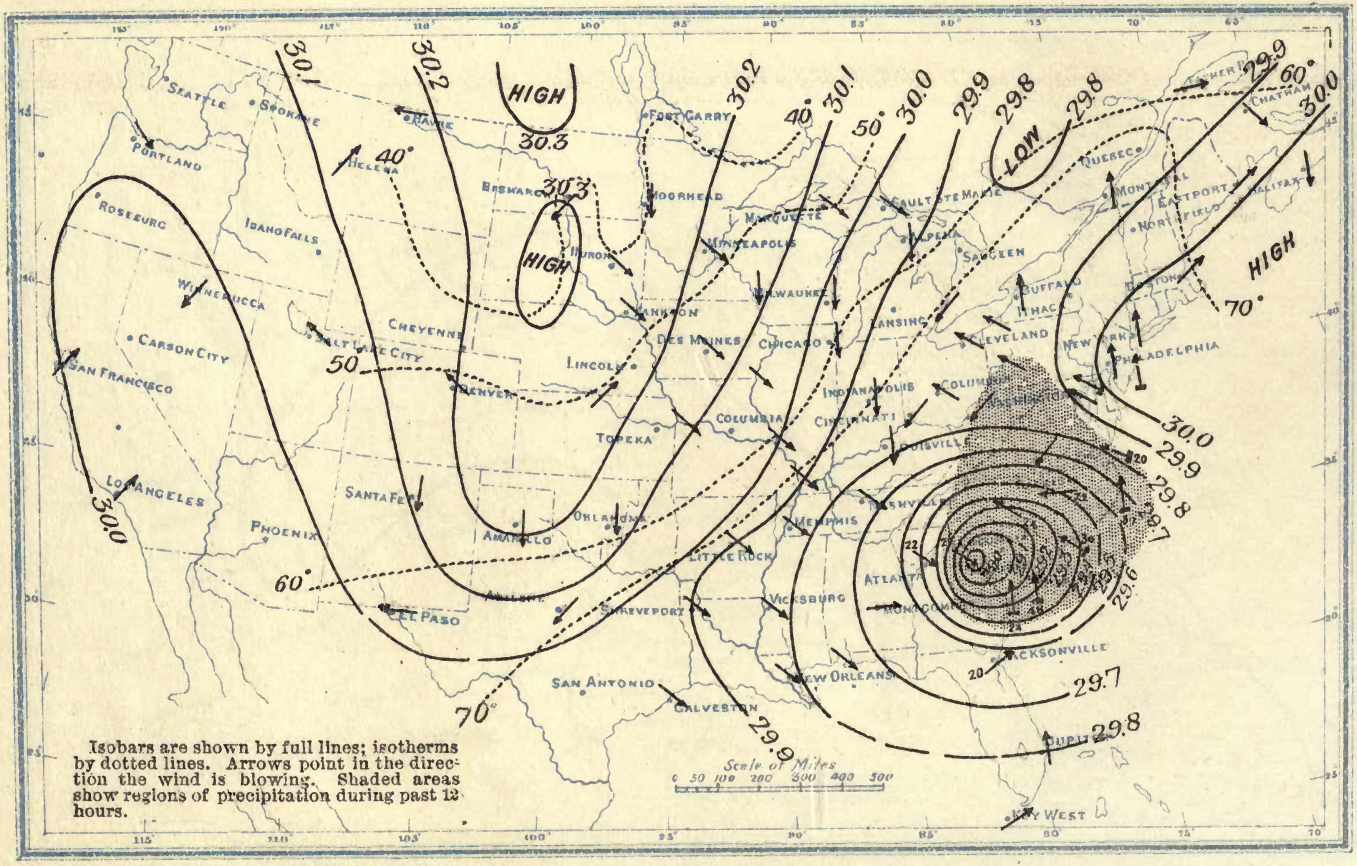
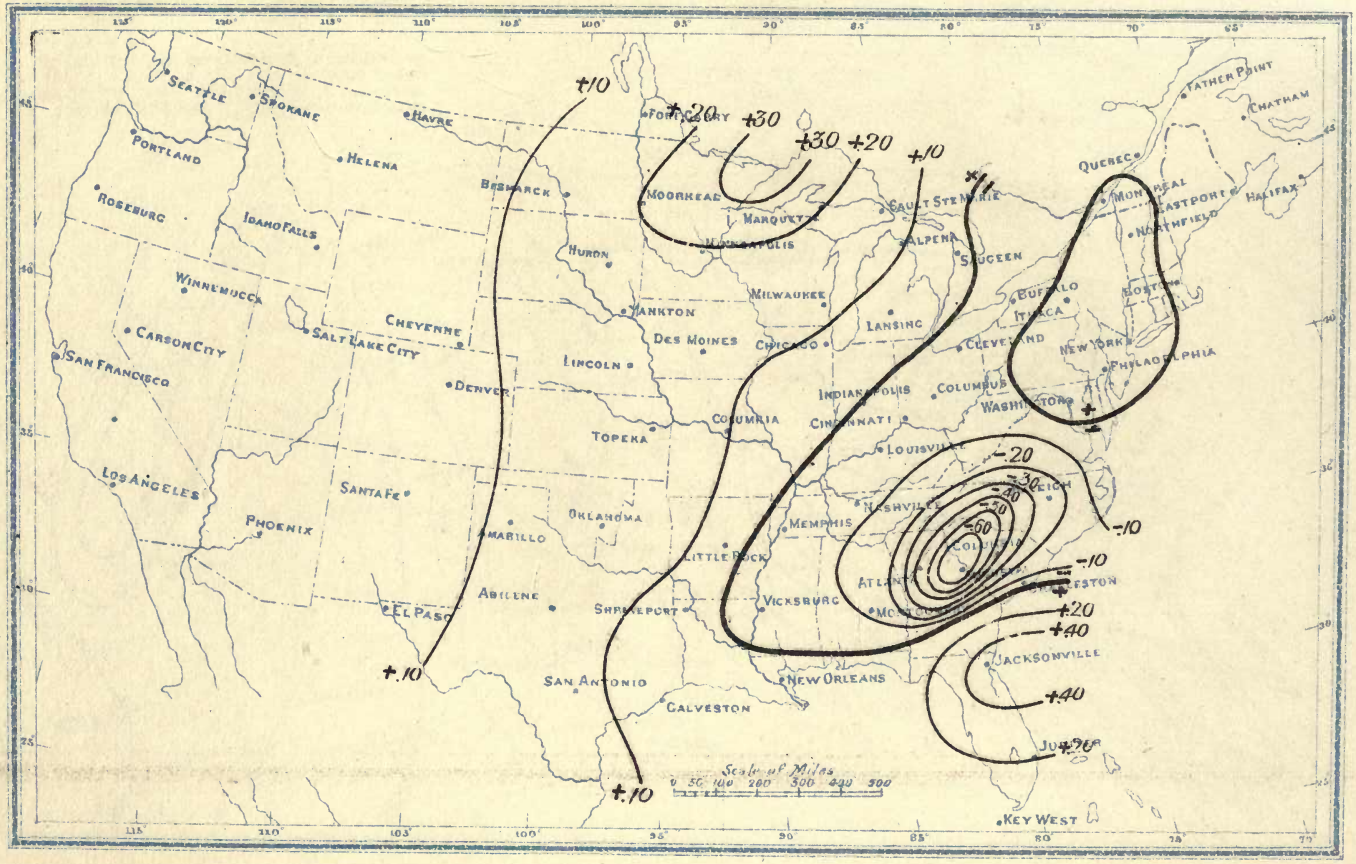


Chart XX. West India Hurricane, August 28, 1893, 8 a. m.



Isobars are shown by full lines; isotherms by dotted lines. Arrows point in the direction the wind is blowing. Shaded areas show regions of precipitation during past 12 hours.

Chart XXI. Change in Air Pressure in Preceding 12 Hours, August 28, 1893, 8 a. m.



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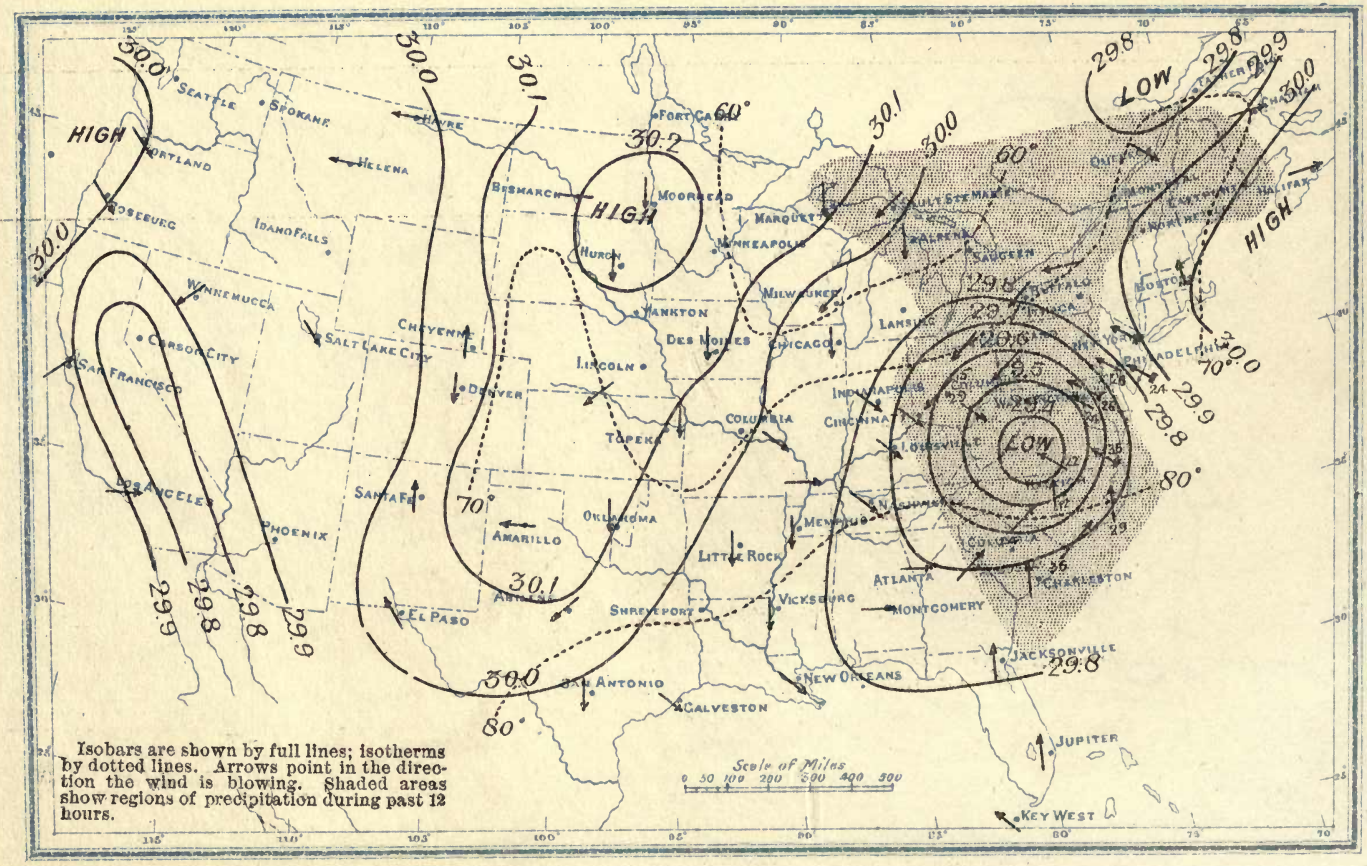

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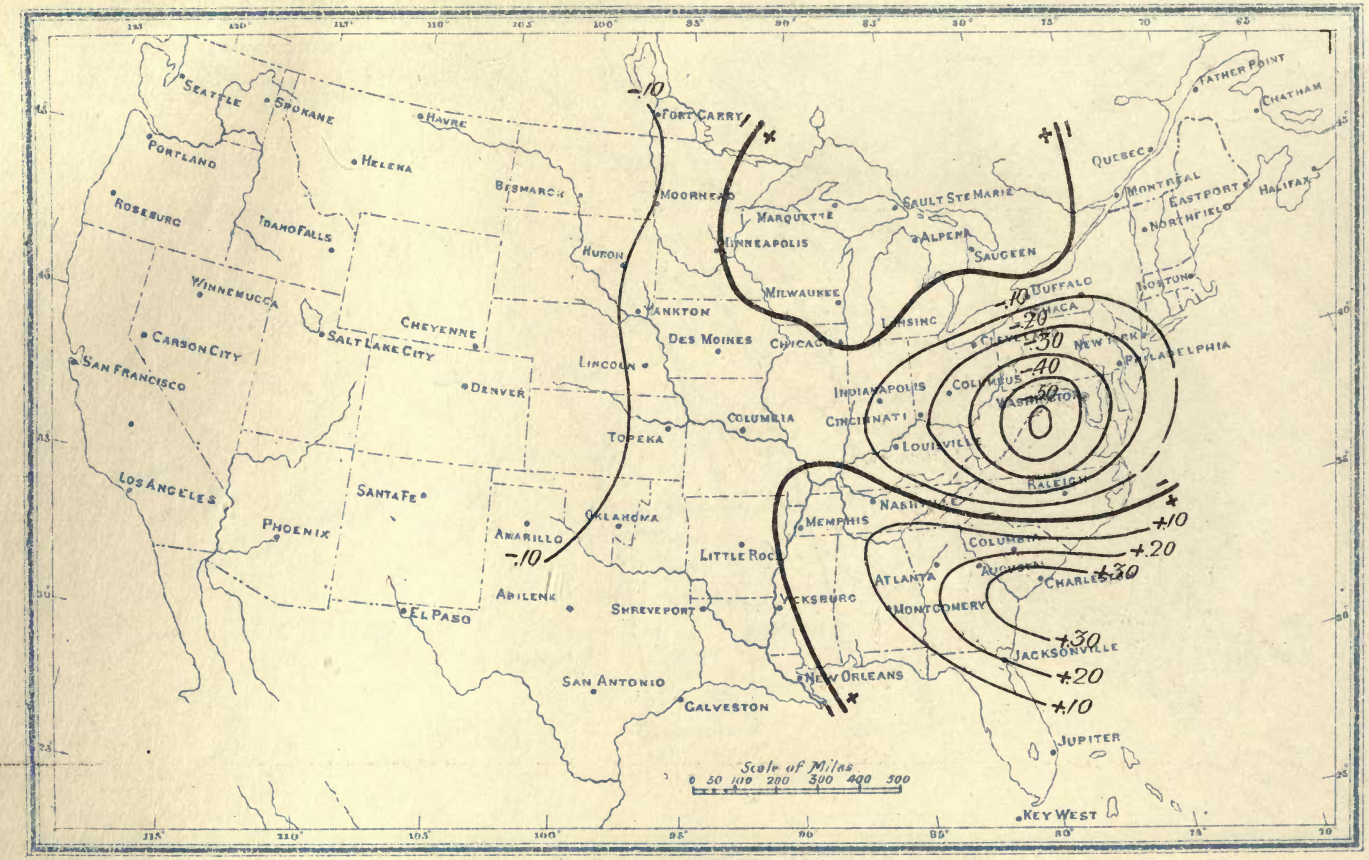


Chart XXIV. **West India Hurricane, August 29, 1893, 8 a. m.**

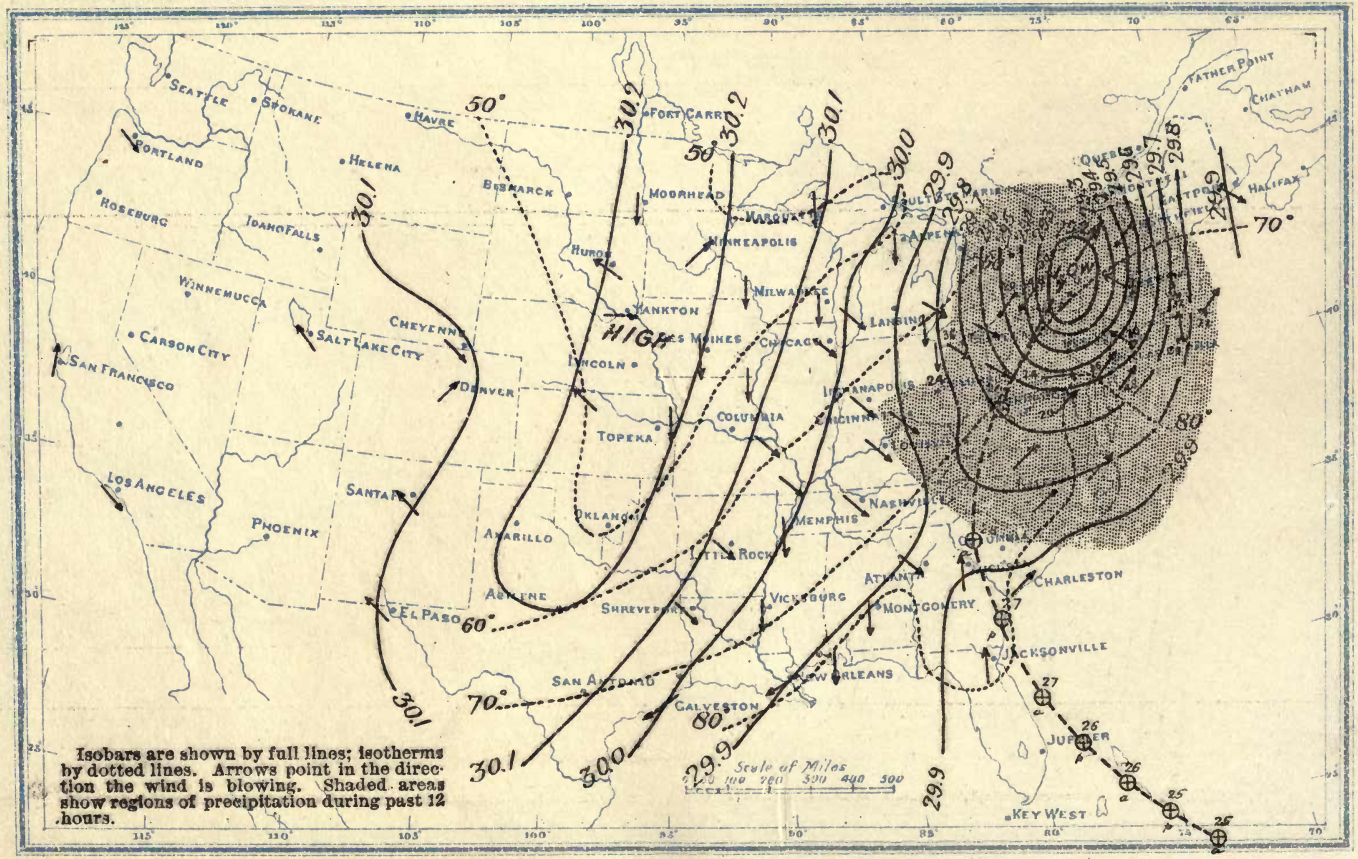
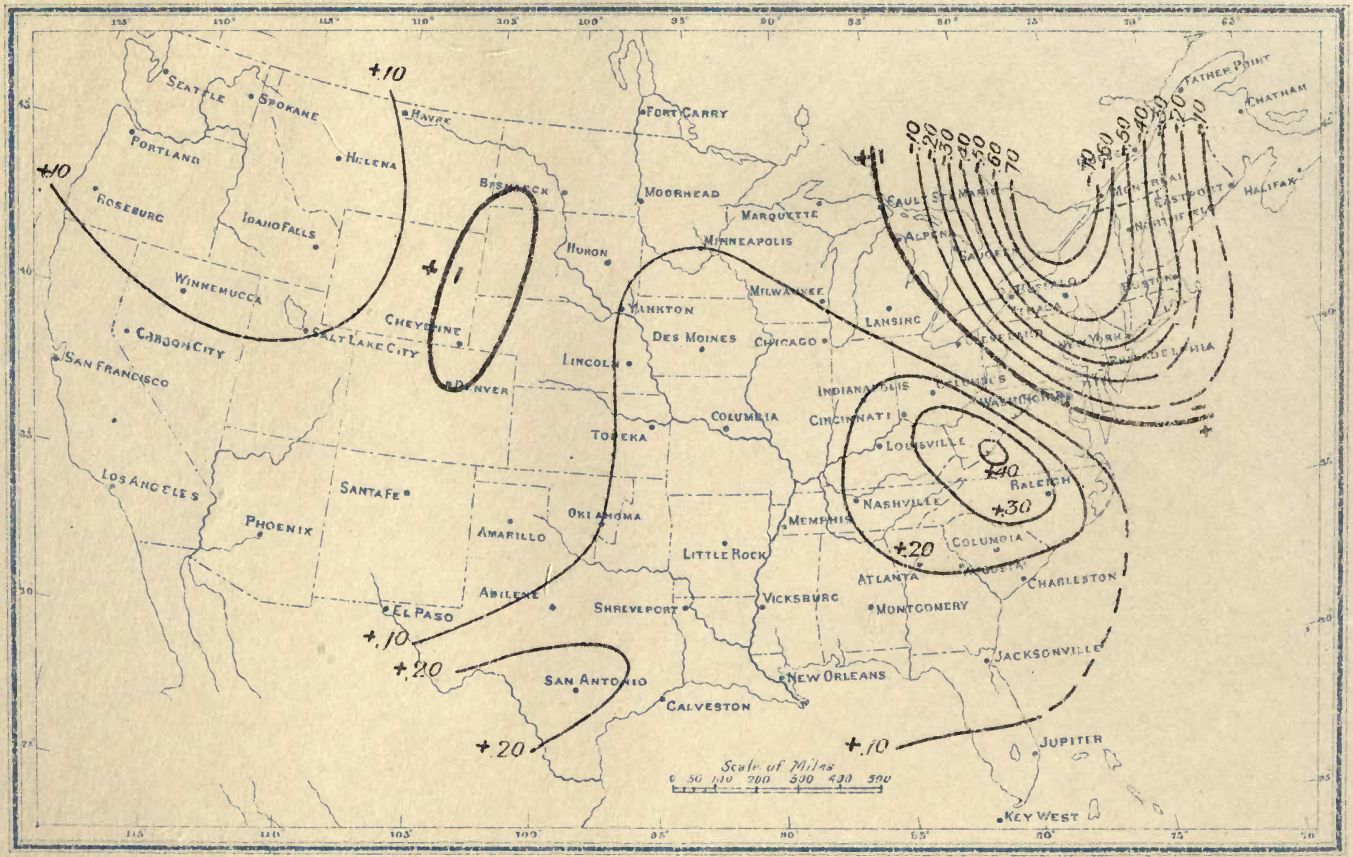


Chart XXV. Change in Air Pressure in Preceding 12 Hours, August 29, 1893, 8 a. m.



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